



SAYBOLT LP
400 SWENSON DRIVE
KENILWORTH, NJ 07033
908-245-3100 Telephone
908-245-5828 Facsimile

Fast To The Point

Saybolt LP

Certificate of Analysis

Report Date: 5/23/2005
Job No: 13031-0501604
Client Ref: N/A

Product: #6 F/O (.5%)
Location: Sprague, Rensselaer, NY

Test	Method	Result	Units
Lab Number: 2005050258-01		Sample ID: TK 6 UPPER	
Date Sampled 5/23/2005			
API Gravity @ 60°F	ASTM D-4052	11.5	@ 60 °F
Sulfur, Total by X-Ray Fluoresc.	ASTM D-4294	0.460	WT %
Lab Number: 2005050258-02		Sample ID: TK 6 MIDDLE	
Date Sampled 5/23/2005			
API Gravity @ 60°F	ASTM D-4052	11.5	@ 60 °F
Sulfur, Total by X-Ray Fluoresc.	ASTM D-4294	0.460	WT %
Lab Number: 2005050258-03		Sample ID: TK 6 LOWER	
Date Sampled 5/23/2005			
API Gravity @ 60°F	ASTM D-4052	11.5	@ 60 °F
Sulfur, Total by X-Ray Fluoresc.	ASTM D-4294	0.457	WT %
Lab Number: 2005050258-04		Sample ID: TK 6 RUNNING	
Date Sampled 5/23/2005			
API Gravity @ 60°F	ASTM D-4052	11.5	@ 60 °F
Sulfur, Total by X-Ray Fluoresc.	ASTM D-4294	0.462	WT %
Lab Number: 2005050258-05		Sample ID: TK 6 SUCTION	
Date Sampled 5/23/2005			
API Gravity @ 60°F	ASTM D-4052	11.5	@ 60 °F
Sulfur, Total by X-Ray Fluoresc.	ASTM D-4294	0.457	WT %

SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY INTENDED USE EXCEPT AS MAY BE SPECIFICALLY STATED HEREIN. SPRAGUE EXPRESSLY DISCLAIMS ANY FURTHER INDEMNITY OF ANY KIND OR THE REPORTING WARRANTIES OR POLICY OF INSURANCE WITH RESPECT TO THE GOODS OR THE CONTRACTUAL PERFORMANCE OF ANY PARTY. ANY PERSON RELYING UPON THIS REPORT SHOULD BE AWARE THAT ISSUER'S ACTIVITIES ARE CARRIED OUT UNDER THEIR GENERAL TERMS AND CONDITIONS. AND A BUYER OF PRODUCT, SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY BE INCURRED FROM THE EVALUATION OF THE TEST RESULTS SPECIFICALLY NOTED IN THIS REPORT/ANALYSIS. 3244 (except for analysis of RFG), IP 367 and appendix E of IP standard methods for analysis. testing with respect to the utilization of test data to determine conformance with specifications"

Approved By:

Denise Apruzzi
Laboratory Manager



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Test	Method	Result	Units
Lab Number: 2005050258-06		Sample ID: TK 6 U,M,L COMP	
Date Sampled 5/23/2005			
API Gravity @ 60°F	ASTM D-4052	11.5	@ 60 °F
Sulfur	ASTM D-4294	0.461	Wt%
Flash Point (Pensky Marten)	ASTM D-93B	230	° F
Viscosity, Kin. @ 122.0°F	ASTM D-445	507.83	cSt
Viscosity, SFS@ 122.0°F	ASTM D-2161	240	Sec.
Pour Point	ASTM D-97	18 / 64	°C/°F
Water and Sediment	ASTM D-1796	0.1	Vol. %
Ash	ASTM D-482	0.057	Wt%
Gross Heat of Combustion	ASTM D-240	18444	BTU/lb
Gross Heat of Combustion	ASTM D-240	151997	BTU/gal
Water by Distillation	ASTM D-95	0.1	Vol. %
Sediment by Extraction	ASTM D-473	0.063	Wt%
Carbon Residue-Conradson	ASTM D-189	9.1	Wt%
Asphaltenes	IP-143	4.5	Wt%
Nitrogen	ASTM D-5762	0.347	Wt%
Sodium	AA/SOL DIL	1.4	ppm
Vanadium	AA/SOL DIL	6.0	ppm

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Laboratory Manager

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"Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D 3244 (except for analysis of RFG), IP 367 and appendix E of IP standard methods for analysis. Testing with respect to the utilization of test data to determine conformance with specifications"